

# Products - Metals - Indium Metal Ingots...

These small, precision cast indium units are the product of an innovative processing technology based on vacuum induction melting. Available in a number of customised forms, these ingots are ready-to-use for the epitaxial layer preparation of III-V compounds; used in semiconductors for high-speed electronic and optoelectronic applications. Ingots are offered in a range of metal purities, from 6N (99.9999%) towards 7N metal.

## Physical description

Ingots are made to customer's size specification. The ingots are non-porous and are predominantly single crystal.

Common ingot sizes are:	5g	11mm x 16mm x 4mm
	10g	11mm x 16mm x 8mm
	10g	16mm x 10mm x 9mm
	15g	18mm x 14mm x 8mm
	20g	18mm x 14mm x 11mm
	25g	57mm x 11mm x 6mm
	50g	57mm x 11mm x 12mm
	30g rods	15mm diameter x 23mm length
	100g rods	15mm diameter x 77mm length
	1.2-1.8g shot	4-8mm diameter

## Purity

Ingots are available as 6N, 6N5 or >6N8 pure (metals basis)

## Packaging

Ingots are packed individually into vacuum-sealed, multi-layered aluminised laminate packs, providing excellent protection and long shelf-life.

## Price and availability

In general, materials are produced to order with typical lead times varying from 3 to 6 weeks depending on the required ingot size, purity and order quantity.

## Quality assurance

Indium metal products are analysed independently by GDMS (Glow Discharge Mass Spectrometry). Results are reported on a Certificate of Analysis with each consignment.